



LAPG 8800.1

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Langley Research Center

# ENVIRONMENTAL PROGRAM MANUAL



National Aeronautics and Space Administration



**Langley Research Center  
DIRECTIVES MANAGEMENT  
TRANSMITTAL SHEET**

**LAPG 8800.1**

**September 13, 2002**

**MATERIAL TRANSMITTED**

LAPG 8800.1, "Environmental Program Manual."

**CANCELLATION**

LAPG 8800.1, dated April 17, 2000.

**SUMMARY**

This directive has been revised to:

Chpt.	Subject	Changes
Preface	Preface	Update paragraphs.
TOC	Contents	Update to reflect changes in chapters.
1	Intro.	Authority and References lists from all chapters were consolidated and added to the Intro.
2	NEPA	Added more detail to Section 2.3. Moved some info. to Chapter 7.
3	Water	Removed maps of Outfall locations for security purposes.
4	Air	Minor edits.
5	Waste Mgmt.	Edits, streamlining, add Section 5.6.2 and new example forms.
6	PCB	Minor changes.
7	Env. Permits, Audits, Alerts	New chapter. Information came from old Chapter 2.
8	Asbestos	Minor edits.
9	Noise	No changes.
10	Recycling	Minor edits.
11	Wetlands	Minor edits.

<b>Chpt.</b>	<b>Subject</b>	<b>Changes</b>
12	Endangered Species	Update to reflect the Endangered Species list.
13	Facility Maint.	No changes.
14	Spill Control	Update to reflect Integrated Spill Plan.
15	EPCRA	E.O. 12856 updated to E.O. 13148 dated 4/22/00.
16	USTs	Removed list of tanks for security purposes.
17	Historical & Cultural	No changes.
18	P2	Update to reflect new P2 Executive Order.
19	Hazmat Inventory	Minor edits.
20	Affirmative Procurement	Minor edits.
App.A	Glossary	No changes.
App.B	References	Moved to Intro.
App.C	Chemicals List	Deleted. Web address to access list is referenced in Chapter 15.
App.D	Integrated Spill Plan	Deleted

**Responsible Office: Environmental Management Office, Office of Security and Environmental Management****PREFACE****P.1 PURPOSE**

This Langley Procedures and Guidelines (LAPG), sets forth LaRC responsibilities, procedures, and environmental standards for implementation of the Environmental Program at Langley Research Center (LaRC). This directive is based on and implements applicable Federal, State, and local environmental laws and regulations, as well as NASA policies. LaRC must comply with all applicable Federal, State, and local environmental regulations. This LAPG sets forth LaRC requirements to ensure that Center personnel comply with LaRC's Environmental Program.

This directive has procedures and implementing instructions to:

- Protect and preserve the quality of the environment,
- Comply with Federal, State, and local environmental laws and regulations, and
- Conduct environmental activities in accordance with LAPD 8800.1, "LaRC Environmental Compliance, Restoration, and Pollution Prevention Program."

**P.2 APPLICABILITY**

This LAPG applies to all organizational elements of LaRC and to all personnel working in or visiting areas under the administrative control of LaRC.

Any questions concerning the environmental standards or the contents of this document should be directed to the Environmental Management Office (EMO) at extension 43500.

**P.3 AUTHORITY**

Federal:

National Environmental Policy Act of 1969 (NEPA), as amended (42 United States Code (U.S.C.) 4321 et seq.)

Clean Water Act and it's Amendment

Clean Air Act of 1970 (CAA) and it's Amendments of 1990 (CAAA)

Resource Conservation and Recovery Act of 1976 (RCRA)

Hazardous and Solid Waste Amendments (HSWA) to RCRA

Energy Policy Act

Toxic Substances Control Act (TSCA)

Federal Water Pollution Control Act (FWPCA)

Emergency Planning and Community Right-To-Know Act (EPCRA)  
 Superfund Amendments and Reauthorization Act of 1986 (SARA)  
 Occupational Safety and Health Act (OSHA)  
 National Historic Preservation Act  
 Noise Control Act of 1972  
 Pollution Prevention Act of 1990  
 Quiet Communities Act of 1978  
 14 CFR Part 1216, "Procedures for Implementing the National Environmental Policy Act"  
 40 CFR Parts 1500-1508, Council on Environmental Quality NEPA Regulations  
 40 CFR Part 61, 112, 173, 240-246, 261, 262, 265, 279, 302, 355, 372 761, 763, and 800  
 29 CFR Part 1910.120, 1001, and 29 CFR Part 1926.58  
 Executive Order 13149, "*Greening the Government through Federal Fleet and Transportation Efficiency*," dated April 21, 2000  
 Executive Order 13148, "*Greening the Government through Leadership in Environmental Management*," dated April 21, 2000  
 Executive Order 13101, "*Greening the Government through Waste Prevention, Recycling and Federal Acquisition*," dated September 14, 1998  
 Executive Order 13123, "*Greening the Government through Efficient Energy Management*," dated June 3, 1999  
 Executive Order 13134, "*Developing and Promoting Biobased Products and Bioenergy*," dated August 12, 1999  
 Federal Acquisition Regulation (FAR) Subpart 23.4, *Use of Recovered Materials*  
 Recovered Materials Advisory Notice  
 Comprehensive Procurement Guidelines  
 Endangered Species Act

State:

Regulations for the Control and Abatement of Air Pollution (9 VAC 5-10 through 170)  
 State Water Control Board Regulations 9VAC25  
 Virginia Waste Management Board Regulations 9VAC20  
 Virginia Department of Environmental Quality Regulations 9VAC15  
 Virginia Wetlands Act (Chapter 13, Title 28.2-1300 et seq.)  
 Commonwealth of Virginia House Bill 1757

P.4 REFERENCES

NPD 8500.1, "NASA Environmental Management"  
 NPG 8580.1, "Implementing the National Environmental Policy Act and Executive Order 12114"  
 NPG 8820.3, "Pollution Prevention"  
 NPG 8830.1, "Affirmative Procurement Plan for Environmentally Preferable Products"  
 "NASA's Environmental Excellence Strategic Plan"

LAPD 8800.1, "LaRC Environmental Compliance, Restoration and Pollution Prevention Program"

LAPG 1740.2, "Facility Safety Requirements"

LAPG 1740.4, "Facility System Safety Analysis and Configuration Management"

LAPG 1710.12, "Potentially Hazardous Materials"

LAPG 2710.1, "Langley Research Center Noise and Hearing Conservation Program"

Title III EPCRA and Clean Air Act Consolidated Chemical List

LaRC PCB Management and Spill Prevention, Control and Countermeasure Plan

## P.5 CANCELLATION

LAPG 8800.1, dated April 17, 2000.

Delma C. Freeman, Jr.  
Deputy Director

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